

44684  
00/ST/80IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

68-1600

A

## PATENT APPLICATION

**APPLICANT:** Helen H. Kim  
Meng-Lin Yu**CASE NAME:** Kim 6-8**TITLE:** Signal Detection Based on Channel Estimation**ASSISTANT COMMISSIONER FOR PATENTS**  
**WASHINGTON, D.C. 20231**jc542 U.S.P.T.O.  
09/639259  
08/15/00**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

1. Transmittal Letter (1 page & 2 copies);
2. Declaration and Power of Attorney (5 pages);
3. Assignment Recordation Form Cover Sheet (orig. & 1 copy);
4. Assignment (3 pages);
5. Information Disclosure Statement with Form PTO-1449 (3 pages, with 2 references); and
6. Patent Application with Informal Drawings (1 Cover Page; 8 Pages of Specification; 3 Pages of Claims; 1 Page of Abstract; 3 Sheet(s) of Drawings).

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	17 - 20=	0	x \$18 =	\$0
Independent Claims	2 - 3=	0	x \$78 =	\$0
Multiple Dependent Claim(s), if applicable			\$240 =	\$0
Basic Fee				\$690
			<b>TOTAL FEE:</b>	<b>\$690</b>

Please file the application and charge **Lucent Technologies Inc.** Deposit Account No. **12-2325** the amount of **\$690.00**, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to charge payment of any filing fees for presentation of extra claims under 37 CFR 1.16 and any patent application processing fees under 37 CFR 1.17 during the pendency of this application or credit any overpayment to **Deposit Account No. 12-2325**.

Please address all correspondence to **Steve Mendelsohn, Mendelsohn & Associates, P.C., 1515 Market Street, Suite 715, Philadelphia, Pennsylvania 19102**. Telephone calls should be made to me at Area Code (215) 557-6657.

Respectfully submitted,

Date: 8/15/00  
 Customer No. 22186  
 Mendelsohn & Associates, P.C.  
 1515 Market Street, Suite 715  
 Philadelphia, Pennsylvania 19102

*Steve Mendelsohn*  
 Steve Mendelsohn  
 Registration No. 35,951  
 Attorney for Applicant  
 (215) 557-6657